

Method for joining joint parts to hollow profiles

[0001] This application is a national phase application of International application PCT/EP2004/013792 filed December 3, 2004 and claims the priority of German application No. 103 56 533.7, filed December 4, 2003, the disclosures of which are expressly incorporated by reference herein.

BACKGROUND AND SUMMARY OF THE INVENTION

[0002] The present invention relates to a method for joining at least one joint part, provided with a through-opening, to a hollow profile, and to a hollow body produced by the method.

[0003] DE 199 57 508 C1 discloses a device for joining joint parts to hollow profiles by means of fluidic internal high pressure. This device carries out a joining method in which the joint part is pushed with a through-opening onto the hollow profile up to a joint point and in which the hollow profile is partly expanded at the joint point by means of fluidic internal high pressure. The expansion of the hollow profile produces an interference fit between an inner side, facing the hollow profile, of the joint part and an outer side, facing the joint part, of the hollow profile, and this interference fit fixes the joint part to the hollow profile by friction grip. The